

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/002182

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01R33/44

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 206 592 A (MILLER JOEL B ET AL.) 27 April 1993 (1993-04-27) column 3, line 36 -column 5, line 39; figure 1	1-5,7-12
Y	---	6
X	WO 99/45409 A (BTG INT LTD ; ROWE MICHAEL DAVID (GB); SMITH JOHN ALEC SYDNEY (GB)) 10 September 1999 (1999-09-10) page 2, line 15 -page 9, line 16 page 23, line 18 -page 24, line 23 page 26, line 11 -page 27, line 27 page 28, line 21 -page 28, line 28 page 30, line 5 -page 32, line 11; figure 6 --- -/--	1-5,7-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

13 August 2004

Date of mailing of the international search report

25/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lersch, W

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/002182

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	EP 1 416 291 A (ANALOGIC CORP) 6 May 2004 (2004-05-06) paragraphs '0035!', '0038!', '0051!', '0059!', '0065!', '0069!', '0070!; figure 2 ----	1-4, 7
A	US 6 486 838 B1 (ROWE MICHAEL DAVID ET AL) 26 November 2002 (2002-11-26) figures 1, 3, 5 ----	1, 5
A	TROPP J ET AL: "A DUAL-TUNED PROBE AND MULTIBAND RECEIVER FRONT END FOR X-NUCLEOUS SPECTROSCOPY WITH PROTON SCOUT IMAGING IN VIVO*" MAGNETIC RESONANCE IN MEDICINE, ACADEMIC PRESS, DULUTH, MN, US, vol. 11, no. 3, 1 September 1989 (1989-09-01), pages 405-412, XP000072987 ISSN: 0740-3194 see pages 406, 408, 409 ----	1, 5
A	US 2002/011842 A1 (FIAT DANIEL) 31 January 2002 (2002-01-31) paragraphs '0023!', '0029!', '0035!', '0036!', '0042!', '0043!', '0047!; figure 2 ----	1-4, 7
Y	GONNELLA N C ET AL: "DESIGN AND CONSTRUCTION OF A SIMPLE DOUBLE-TUNED SINGLE-INPUT SURFACE-COIL PROBE" JOURNAL OF MAGNETIC RESONANCE, ACADEMIC PRESS, ORLANDO, FL, US, vol. 85, no. 1, 15 October 1989 (1989-10-15), pages 24-34, XP000087257 ISSN: 1090-7807 see the whole document -----	6

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/002182

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5206592	A	27-04-1993	CA 2109827 A1	10-12-1992
			EP 0586583 A1	16-03-1994
			JP 7502110 T	02-03-1995
			WO 9221987 A1	10-12-1992
			US 5233300 A	03-08-1993
WO 9945409	A	10-09-1999	AU 3267999 A	20-09-1999
			CA 2322500 A1	10-09-1999
			EP 1060404 A1	20-12-2000
			WO 9945409 A1	10-09-1999
EP 1416291	A	06-05-2004	EP 1416291 A2	06-05-2004
US 6486838	B1	26-11-2002	AU 3267499 A	20-09-1999
			EP 1060403 A1	20-12-2000
			WO 9945408 A1	10-09-1999
US 2002011842	A1	31-01-2002	US 6294914 B1	25-09-2001
			US 6313631 B1	06-11-2001
			US 5675254 A	07-10-1997
			US 5433196 A	18-07-1995
			US 2001050554 A1	13-12-2001
			US 5682883 A	04-11-1997